| 요구사항번호 | C-04 | 작성일 | 2022-05-19 |
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| 요구사항명 | 시험 관리 및 성적 조회 기능 | 작성자 | 권민채 |
| DML | | | |
| --과목 목록 출력  create or replace view subject\_catalog\_v as  select             open\_subject.seq as 과목번호,             curriculum.name as 과정명,              subject.subject\_name as 개설과목,              open\_subject.begin\_date as "과목 시작일",              open\_subject.end\_date as "과목 종료일",              lectureroom.room\_name as 강의실명,              teacher.name as 교사명  from open\_curs      inner join open\_subject on open\_subject.open\_curs\_seq = open\_curs.seq      inner join curriculum on open\_curs.curs\_seq = curriculum.seq      inner join subject on subject.seq = open\_subject.subject\_seq      inner join lectureroom on open\_curs.room\_seq = lectureroom.seq      inner join teacher on open\_subject.teacher\_seq = teacher.seq                order by open\_subject.seq;      -- 특정 과목번호의 교육생 정보 및 성적 조회  create or replace procedure member\_info\_score\_p(  msubjectseq number :=''  )  is  msubseq open\_subject.seq%type;  msubname subject.subject\_name%type;  mmemname member.name%type;  mmemtel member.tel%type;  mdrop student.drop\_out%type;  mwritten subject\_score.written\_score%type;  mskill subject\_score.skill\_score%type;  mattend subject\_score.attendance\_score%type;  cursor vcursor is  select  open\_subject.seq as 과목번호,  subject.subject\_name as 과목명,  member.name as 이름,  member.tel as 전화번호,  student.drop\_out as "중도탈락 여부",  subject\_score.written\_score as 필기점수,  subject\_score.skill\_score as 실기점수,  subject\_score.attendance\_score as 출결점수  from student  inner join member on member.seq = student.member\_seq  inner join subject\_score on subject\_score.student\_seq = student.seq  inner join open\_subject on open\_subject.seq = subject\_score.open\_subject\_seq  inner join subject on subject.seq = open\_subject.subject\_seq  where open\_subject.seq = msubjectseq;  begin  open vcursor;  loop  fetch vcursor into msubseq,msubname,mmemname,mmemtel,mdrop,mwritten,mskill,mattend;  exit when vcursor%notfound;  dbms\_output.put\_line(' | 과목번호: ' || msubseq || ' | 과목명 : ' || msubname || ' | 이름: ' || mmemname || ' | 전화번호: ' || mmemtel || ' | 중도탈락여부: ' || mdrop || ' | 필기점수: ' || mwritten || '점' ||  ' | 실기점수: ' || mskill || '점' || ' | 출결점수 : ' || mattend || '점');  end loop;  close vcursor;  end;  --점수가 없는 학생들  create or replace view score\_null\_v as  select  open\_subject.seq as 과목번호,  subject.subject\_name as 과목명,  member.name as 이름,  student.seq as 교육생번호,  student.drop\_out as "중도탈락 여부",  subject\_score.written\_score as 필기점수,  subject\_score.skill\_score as 실기점수,  subject\_score.attendance\_score as 출결점수  from student  inner join member on member.seq = student.member\_seq  inner join subject\_score on subject\_score.student\_seq = student.seq  inner join open\_subject on open\_subject.seq = subject\_score.open\_subject\_seq  inner join subject on subject.seq = open\_subject.subject\_seq  where subject\_score.written\_score is null;  --시험점수 등록  create or replace procedure subject\_score\_p  (  w\_score in number  s\_score in number  a\_score in number  )  is  begin  update subject\_score  set  written\_score = w\_score  skill\_score = s\_score  attendance\_score = a\_score;  end; | | | |

| 요구사항번호 | C-05 | 작성일 | 2022-05-19 |
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| 요구사항명 | 출결관리 및 출결 조회 | 작성자 | 권민채 |
| DML | | | |
| --전체 출결 조회  create or replace procedure attendance\_check\_p(  pseq in number,  popencurs in number,  pdatestart in date,  pdateend in date  is  vstudentnum student.seq%type;  출석일수 student.seq%type;  정상일수 student.seq%type;  지각일수 student.seq%type;  조퇴일수 student.seq%type;  지각조퇴 student.seq%type;  외출 student.seq%type;  결석 student.seq%type;  병가 student.seq%type;  기타 student.seq%type;  cursor vcursor is  select  "학생번호",  count(decode("출석", '출석', 1)) as "출석일수",  count(decode("지각조퇴", '출석..', 1)) as "정상일수",  count(decode("지각조퇴", '출석지각.', 1)) as "지각일수",  count(decode("지각조퇴", '출석.조퇴', 1)) as "조퇴일수",  count(decode("지각조퇴", '출석지각조퇴', 1)) as "지각 및 조퇴일수",  count(decode("지각조퇴", '외출', 1)) as "외출일수",  count(decode("지각조퇴", '결석', 1)) as "결석일수",  count(decode("출석", '병가', 1)) as "병가일수",  count(decode("출석", '기타', 1)) as "기타일수"  from  (select i.\*,  출석||지각||조퇴 as "지각조퇴"  from attendance\_info i where "학생번호" in (select seq from student where open\_curs\_seq = popencurs )  and "날짜" between pdatestart and pdateend)  where "학생번호"=pseq  group by "학생번호";        begin  open vcursor;  loop  fetch vcursor into vstudentnum, 출석일수, 정상일수, 지각일수, 조퇴일수, 지각조퇴 ,외출,결석,병가,기타;  exit when vcursor%notfound;  dbms\_output.put\_line('-------------------------------------------------------------------------------------------------------------------------------------------------------------');  dbms\_output.put\_line('교육생번호| ' ||vstudentnum|| ' 출석일수| ' ||출석일수|| ' 정상일수| ' ||정상일수|| ' 지각일수| ' ||지각일수 );  dbms\_output.put\_line('지각조퇴 | ' ||지각조퇴|| ' 외출일수| ' ||외출|| ' 결석일수| ' ||결석|| ' 조퇴일수| ' ||조퇴일수 );  dbms\_output.put\_line('병가일수 | ' ||병가|| ' 기타일수| ' ||기타 );  dbms\_output.put\_line('--------------------------------------------------------------------------------------------------------------------------------------------------------------');  end loop;  close vcursor;  end; | | | |

| 요구사항번호 | C-06 | 작성일 | 2022-05-19 |
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| 요구사항명 | 상담일지 작성 및 조회 | 작성자 | 권민채 |
| DML | | | |
| --상담일지 조회  create or replace view counsel\_v  as  select  member.name as 교육생이름,  counsel\_topic.counsel\_topic as 상담주제,  counsel\_date as 상담날짜,  curriculum.name as 수강과정  from counsel  inner join counsel\_topic on counsel\_topic.seq = counsel\_topic\_seq  inner join student on student.seq = student\_seq  inner join member on member.seq = student.member\_seq  inner join teacher on teacher.seq = counsel.teacher\_seq  inner join open\_curs on open\_curs.seq = student.open\_curs\_seq  inner join curriculum on curriculum.seq = open\_curs.curs\_seq  order by counsel\_date;     -- 특정 교육생의 상담현황 조회  create or replace procedure counsel\_member\_p(  cname varchar2:='',  )  is  cmember member.name%type;  ctopic counsel\_topic.counsel\_topic%type;  cdate counsel.counsel\_date%type;  cuname curriculum.name%type;  cursor vcursor is  select  member.name as 교육생이름,  counsel\_topic.counsel\_topic as 상담주제,  counsel\_date as 상담날짜,  curriculum.name as 수강과정  from counsel  inner join counsel\_topic on counsel\_topic.seq = counsel\_topic\_seq  inner join student on student.seq = student\_seq  inner join member on member.seq = student.member\_seq  inner join teacher on teacher.seq = counsel.teacher\_seq  inner join open\_curs on open\_curs.seq = student.open\_curs\_seq  inner join curriculum on curriculum.seq = open\_curs.curs\_seq  where member.name = cname order by counsel\_date;  begin  open vcursor;  loop  fetch vcursor into cmember, ctopic, cdate, cuname;  exit when vcursor%notfound;  dbms\_output.put\_line('교육생이름: ' || cmember || ' | 상담주제: ' || ctopic || ' | 상담날짜: ' || cdate || ' | 상담주제: ' || cuname);  end loop  close vcursor;  end;  -- 특정 과정별 상담현황 조회  create or replace procedure counsel\_curriculum\_p(  ccurri varchar2:='',  )  is  cmember member.name%type;  ctopic counsel\_topic.counsel\_topic%type;  cdate counsel.counsel\_date%type;  cuname curriculum.name%type;  cursor vcursor is  select  member.name as 교육생이름,  counsel\_topic.counsel\_topic as 상담주제,  counsel\_date as 상담날짜,  curriculum.name as 수강과정  from counsel  inner join counsel\_topic on counsel\_topic.seq = counsel\_topic\_seq  inner join student on student.seq = student\_seq  inner join member on member.seq = student.member\_seq  inner join teacher on teacher.seq = counsel.teacher\_seq  inner join open\_curs on open\_curs.seq = student.open\_curs\_seq  inner join curriculum on curriculum.seq = open\_curs.curs\_seq  where curriculum.name = ccurri order by counsel\_date;  begin  open vcursor;  loop  fetch vcursor into cmember, ctopic, cdate, cuname;  exit when vcursor%notfound;  dbms\_output.put\_line('교육생이름: ' || cmember || ' | 상담주제: ' || ctopic || ' | 상담날짜: ' || cdate || ' | 개설과정: ' || cuname);  end loop  close vcursor;  end;  --상담일지 등록  create or replace procedure insert\_counsel\_p(  cseq in varchar2,  ctopic in varchar2,  cdate in date  )  is  begin  insert into counsel values((select max(seq)+1 from counsel), cseq, ctopic, cdate);  end;  --상담일지 수정  create or replace procedure modify\_counsel\_p(  cseq in varchar2,  ctopic in varchar2,  cdate in date  )  is  begin  update counsel  set  student\_seq = cseq  counsel\_topic\_seq = ctopic  counsel\_date = cdate;  end;  --상담일지 삭제  create or replace procedure delete\_counsel\_p(  ccseq in number  )  is  begin  delete from counsel values where seq = ccseq;  end; | | | |

| 요구사항번호 | D-07 | 작성일 | 2022-05-19 |
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| 요구사항명 | 취업 공고 조회 | 작성자 | 권민채 |
| DML | | | |
| --전체 취업공고 조회  create or replace view job\_list\_v  as(  select  city.city as "지역",  job\_announce.company as "회사명",  job\_field.field\_name as "분야",  contract\_type.contract\_type as "직위",  job\_announce.people as "모집인원",  job\_announce.begin\_date as "모집 시작일",  job\_announce.end\_date as "모집 종료일"  from job\_announce  inner join city on job\_announce.city\_seq = city.seq  inner join job\_field on job\_announce.field\_seq= job\_field.seq  inner join contract\_type on job\_announce.contract\_seq = contract\_type.seq);    --기간별 취업공고 조회  create or replace procedure job\_period\_p (  start\_period varchar2 := '',  end\_period varchar2 := ''  )  is  acompany job\_announce.company%type;  ccity city.city%type;  ffield\_name job\_field.field\_name%type;  ctcontract\_type contract\_type.contract\_type%type;  apeople job\_announce.people%type;  abegin\_date job\_announce.begin\_date%type;  aend\_date job\_announce.end\_date%type;  cursor vcursor is  select  a.company as 회사명,  c.city as 지역,  f.field\_name as 분야,  ct.contract\_type as 계약형태,  a.people as 모집인원,  a.begin\_date as 모집시작날짜,  a.end\_date as 모집종료날짜  from job\_announce a  inner join city c on c.seq = a.city\_seq  inner join job\_field f on f.seq = a.field\_seq  inner join contract\_type ct on ct.seq = a.contract\_seq  where a.end\_date between start\_period and end\_period order by 모집시작날짜;  begin  open vcursor;  loop  fetch vcursor into acompany, ccity, ffield\_name, ctcontract\_type, apeople, abegin\_date, aend\_date;  exit when vcursor%notfound;  dbms\_output.put\_line('회사명: ' || acompany || ' | 지역: ' || ccity || ' | 분야: ' || ffield\_name || ' | 계약형태: ' || ctcontract\_type || ' | 모집인원: ' || apeople || '명' || ' | 모집시작날짜: ' ||  abegin\_date || ' | 모집종료날짜: ' || aend\_date);  end loop;  close vcursor;  end;  --지역별 취업공고 조회  create or replace procedure city\_job\_check\_P (  pcity varchar2 := ''  )  is  acompany job\_announce.company%type;  ccity city.city%type;  ffield\_name job\_field.field\_name%type;  ctcontract\_type contract\_type.contract\_type%type;  apeople job\_announce.people%type;  abegin\_date job\_announce.begin\_date%type;  aend\_date job\_announce.end\_date%type;  cursor vcursor is  select  a.company as 회사명,  c.city as 지역,  f.field\_name as 분야,  ct.contract\_type as 계약형태,  a.people as 모집인원,  a.begin\_date as 모집시작날짜,  a.end\_date as 모집종료날짜  from job\_announce a  inner join city c on c.seq = a.city\_seq  inner join job\_field f on f.seq = a.field\_seq  inner join contract\_type ct on ct.seq = a.contract\_seq    where c.city = pcity order by 모집시작날짜;    begin  open vcursor;  loop  fetch vcursor into acompany, ccity, ffield\_name, ctcontract\_type, apeople, abegin\_date, aend\_date;  exit when vcursor%notfound;    dbms\_output.put\_line('회사명: ' || acompany || ' | 지역: ' || ccity || ' | 분야: ' || ffield\_name || ' | 계약형태: ' || ctcontract\_type || ' | 모집인원: ' || apeople || '명' || ' | 모집시작날짜: ' ||  abegin\_date || ' | 모집종료날짜: ' || aend\_date);    end loop;  close vcursor;  end;  --분야별 취업공고 조회  create or replace procedure field\_job\_check\_P (  pjob\_field varchar2 := ''  )  is  acompany job\_announce.company%type;  ccity city.city%type;  ffield\_name job\_field.field\_name%type;  ctcontract\_type contract\_type.contract\_type%type;  apeople job\_announce.people%type;  abegin\_date job\_announce.begin\_date%type;  aend\_date job\_announce.end\_date%type;  cursor vcursor is  select  a.company as 회사명,  c.city as 지역,  f.field\_name as 분야,  ct.contract\_type as 계약형태,  a.people as 모집인원,  a.begin\_date as 모집시작날짜,  a.end\_date as 모집종료날짜  from job\_announce a  inner join city c on c.seq = a.city\_seq  inner join job\_field f on f.seq = a.field\_seq  inner join contract\_type ct on ct.seq = a.contract\_seq    where f.field\_name = pjob\_field order by 모집시작날짜;  begin  open vcursor;  loop  fetch vcursor into acompany, ccity, ffield\_name, ctcontract\_type, apeople, abegin\_date, aend\_date;  exit when vcursor%notfound;  dbms\_output.put\_line('회사명: ' || acompany || ' | 지역: ' || ccity || ' | 분야: ' || ffield\_name || ' | 계약형태: ' || ctcontract\_type || ' | 모집인원: ' || apeople || '명' || ' | 모집시작날짜: ' ||  abegin\_date || ' | 모집종료날짜: ' || aend\_date);  end loop;  close vcursor;    end; | | | |